

# PROFILE OF SCIENTIST/RESEARCH WORKER

**Name:** Dr. D. K. Upreti

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**Qualification** Ph.D. in Botany

**Area(s) of Specialization:** Lichenology

**Occupation/Designation:** Senior Principal Scientist

**Major Activities:** Biosystematics/Environmental/Climate change, Bioprospection and  
Biodeterioration studies (more than 30 year experience)

## Awards/Recognitions

### Foreign visits:

- **Germany** - INSA Exchange Programme. Received training on phytochemistry of lichenized fungi at Essen University, Essen, Germany.
- **USA**- Field Museum, Chicago, during 13<sup>th</sup> – 17<sup>th</sup> May 2010, to delivered a lecture on Indian Parmeliaceae.
- **Antarctica**- 11<sup>th</sup> Indian Scientific expedition to Antractica in 27<sup>th</sup> November 1991- 30<sup>th</sup> April 1992

### Awards and Distinctions:

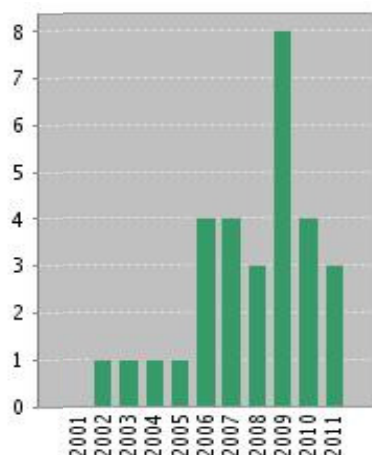
- **Prof. B.A. Razi Medal Award:** of Association for plant Taxonomy for outstanding taxonomical studies on Indian lichens
- **J.B.S. Haldane Memorial Scroll (1997):** For distinguished contribution towards "Theoretical Studies on Environment", by Forum of Scientist for Peace and Development (FSPD) and Rais Ahmed Memorial Trust, New Delhi.
- Participated in **Leadership Development Programme (LDP)** of CSIR during 2007
- Participated in **11<sup>th</sup> Indian Expedition to Antarctica** during 1991-92
- **Fellow of 'Society of Ethnobotanist'**
- Member, CSIR Steering Committee for Antarctic Research.
- **Awarded INSA-DFG International Scientific Collaboration Fellowship** to visit different Institutes/ Universities in Germany.
- **Consultant** - Wildlife Institute of India, Chandrabani, Dehradun.
- **Editor**- Phytotaxonomy, International Council for Biodeterioration of Cultural Properties
- **Executive consultant**- Paleobotanical Society India.
- **Treasurer** - Society of Ethnobotanist and International Society of Environmental Botanist, India.
- Proposed "Expert" in conservation and development of Himalaya and its people by G.B. Pant Institute of Himalayan Environment & Development. Kosi-Katarmal, Almora.

- **Co-Director-** 4<sup>th</sup> International Ethnological Conference, Lucknow, for Medicinal Women Pre-training Course, 12-14 November, 1994

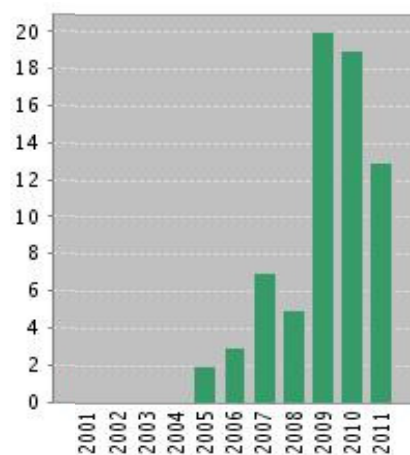
### Life memberships of the Societies/Professional Affiliations: 13

- **Discovered 98 species of lichens new to science**
- Described more than 200 lichen new to India
- Described 12 new combinations
- Pioneer in India to study Antarctic lichens
- **Pioneer in India to study air pollution utilizing lichens**
- Ph. D. – 19 students awarded, 2 submitted and 9 registered
- Post Graduation/training imparted – 40 students
- **Number of publications- 381**
- **Project Handled (as PI/Co-PI/member): 22**

**Published Items in Each Year**



**Citations in Each Year**



#### **Best Publications**

1. Shukla, V. & **Upreti, D.K.** Physiological response of the lichen *Phaeophyscia hispidula* (Ach.) Essl., to the urban environment of Pauri and Srinagar (Garhwal), Himalayas, India. *Environ Pollut.* 150(3): 295-99. 2007. **I.F.: 3.4 C.I.: 3**
2. Satya & **Upreti, D.K.** Correlation among Carbon, Nitrogen, Sulphur and physiological parameters of *Rinodina sophodes* found at Kanpur City, India. *J. Hazard Mater.* 169: 1088-1092. 2009. **I. F. 4.2, C. I. 2**
3. Bajpai, R., **Upreti, D.K.**, Nayaka S. & Kumari, B. Biodiversity, bioaccumulation and physiological changes in lichens growing in the vicinity of coal-based thermal power plant of Raebareli district north India. *J. Haz. Mat.* 174: 429-436. 2010. **I.F.: 4.2 C.I.: 3**
4. Bajpai, R., **Upreti, D.K.**, Nayaka S. & Kumari, B. Biodiversity, bioaccumulation and physiological changes in lichens growing in the vicinity of coal-based thermal power plant of Raebareli district north India. *J. Haz. Mat.* 174: 429-436. 2010. **I.F.: 4.2 C.I.: 2**
5. Lumbsch, H. T., Ahti, T., Altermann, S., Paz, De G.A., Aptroot, A., **Upreti, D.K.** and *et al.* One hundred new species of lichenized fungi: a signature of undiscovered global diversity *Phytotaxa* 18: 1-127, 2011. **I.F.: 2.5**